

Attorney's Docket No.: US 1292/01 (VA)

New U.S. Patent Application of:

Peter M. THULE

Title:

GLUCOSE SENSITIVE REGULATOR OF INSULIN

TRANSCRIPTION

Including:

Transmittal Letter; Application (70 pages, including Abstract and 21 Claims); twenty-one (21) Sheets of Drawings depicting Figures 1A, 1B, 2-12, 13A, 13B, 14, 15A, 15B, 16A, 16B, 17A, 17B, 18-19, 20A, 20B, 21A, 21B, 22-25, 26A, 26B and 27; Sequence Listing



21A, 21B, 22-25, 26A, 26B and 27, Sequence Distang (4 pages); Declaration and Power of Attorney; Assignment with Recordation Form Cover Sheet; Information Disclosure Statement with PTO Form 1449 with cited references; 1 diskette containing Sequence Listing; and check for \$ 798.00.

PLEASE DATE-STAMP RECEIVED & S.N. AND RETURN.



Attorney Docket No.: US 1292/01 (VA)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of : October 10, 2001

Peter M. Thulé, M.D.

Serial No.: N/A :

Filed: Herewith :

For: GLUCOSE SENSITIVE REGULATOR:

OF INSULIN TRANSCRIPTION

## INFORMATION DISCLOSURE STATEMENT

Honorable Commissioner of Patents and Trademarks Washington, D.C. 20231

Dear Sir:

Pursuant to 37 CFR 1.56 and 1.97-1.98, Applicant submits herewith copies of various references for the Examiner's consideration. The Examiner is respectfully requested to review and officially consider and make the references of record before issuing the first Office Action in connection with this case.

A completed form 1449B/PTO listing the references thereon together with copies of same is enclosed herewith. The Examiner is respectfully requested to return an initialed copy of form1449B/PTO along with the next communication in connection with this case.

It is believed that no fee is due for this submission. Should that determination be incorrect, however, the Examiner is hereby authorized to charge any deficiencies to our Deposit Account No. 01-0433, and notify the undersigned in due course.

Should the Examiner have any questions or wish to discuss further this matter, please contact the undersigned at the telephone number provided below.

Respectfully submitted,

DINESH AGARWAL Attorney for Applicant(s)

Reg. No. 31,809

Law Office - Dinesh Agarwal, P.C. 5350 Shawnee Road, Suite 330 Alexandria, Virginia 22312

Fax:

Telephone: (703) 642-9400 (703) 642-9402

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PTO/SB/08A (6-95)

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			7(),	<b>6</b>	Application Number	None	
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U.S. PATENT DOCUMENTS								
Examiner Initials'	Cite No.1	Number	Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
		6,114,306		De Medicis et al.	09/05/2000			
		6,113,903		Albertini et al.	09/05/2000			
		6,025,196		Sladek et al.	02/15/2000			
		5,968,758		Fuks et al.	10/19/1999			
		5,914,449		Murase et al.	06/22/1999			
		5,891,722		Fuks et al.	04/06/1999			
		5,888,705		Rubin et al.	03/30/1999			
		5,877,029		Fuks et al.	03/02/1999			
		5,866,378		Marquardt et al.	02/02/1999	-		
		5,849,485		Sladek et al.	12/15/1998			
		5,750,398		Johnson et al.	05/12/1998			
		5,747,273		Khosravi et al.	05/05/1998			
		5,739,169		Ocain et al.	04/14/1998			
		5,712,103		Leavitt et al.	01/27/1998 .			
		5,604,115		Sladek e al.	02/18/1997			
		5,597,700		Konstantinov et al.	01/28/1997			
		5,545,618		Buckley et al.	08/13/1996	•		
		5,446,024		Builder et al.	08/29/1995			
		5,304,473		Belagaje et al.	04/19/1994			

	FOREIGN PATENT DOCUMENTS							
Examiner Initials'	Cite	Foreign Patent Document	Name of Patentee or	Date of Publication of	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
	No.1	Office <sup>3</sup> Number <sup>4</sup> Kind Code (if know	5 Applicant of Cited Document	Cited Document MM-DD-YYYY		T⁵		
		PCT WO 98/20906	Autonomous University	05/22/1998				
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EXAMINER: Initial if reference considered, whether or not citation is in confomance with MPEP 609. Draw line through citation if not in confomance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3) <sup>4</sup> For Japanese patent documetrs, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.1 <sup>6</sup> if possibile. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.



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	APPLIC/	ANT		First Named Inventor	Peter M. Thulé, M.D.	
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Examiner Initials'	Cite No.1	Number Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		5,554,504	Rutanen	09/10/1996		
		5,514,386	Domingues	05/07/1996		
		5,334,507	Soya et al.	08/02/1994		
		5,218,091	Kawasaki	06/08/1993		
		4,812,400	Steinman	03/14/1989		
		4,735,897	Vary et al.	04/05/1988		
		4,623,625	Scopes	11/18/1986		
		4,608,335	Fossati	08/26/1986		
		4,599,311	Kawasaki	07/08/1986		
		4,331,762	Nakajima et al.	05/25/1982		
		4,071,413	Takahashi et al.	01/31/1978		
		3,655,516	Roon et al.	04/11/1972		
		US 2001/7656 A1	Bosch et al.	07/12/2001		
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